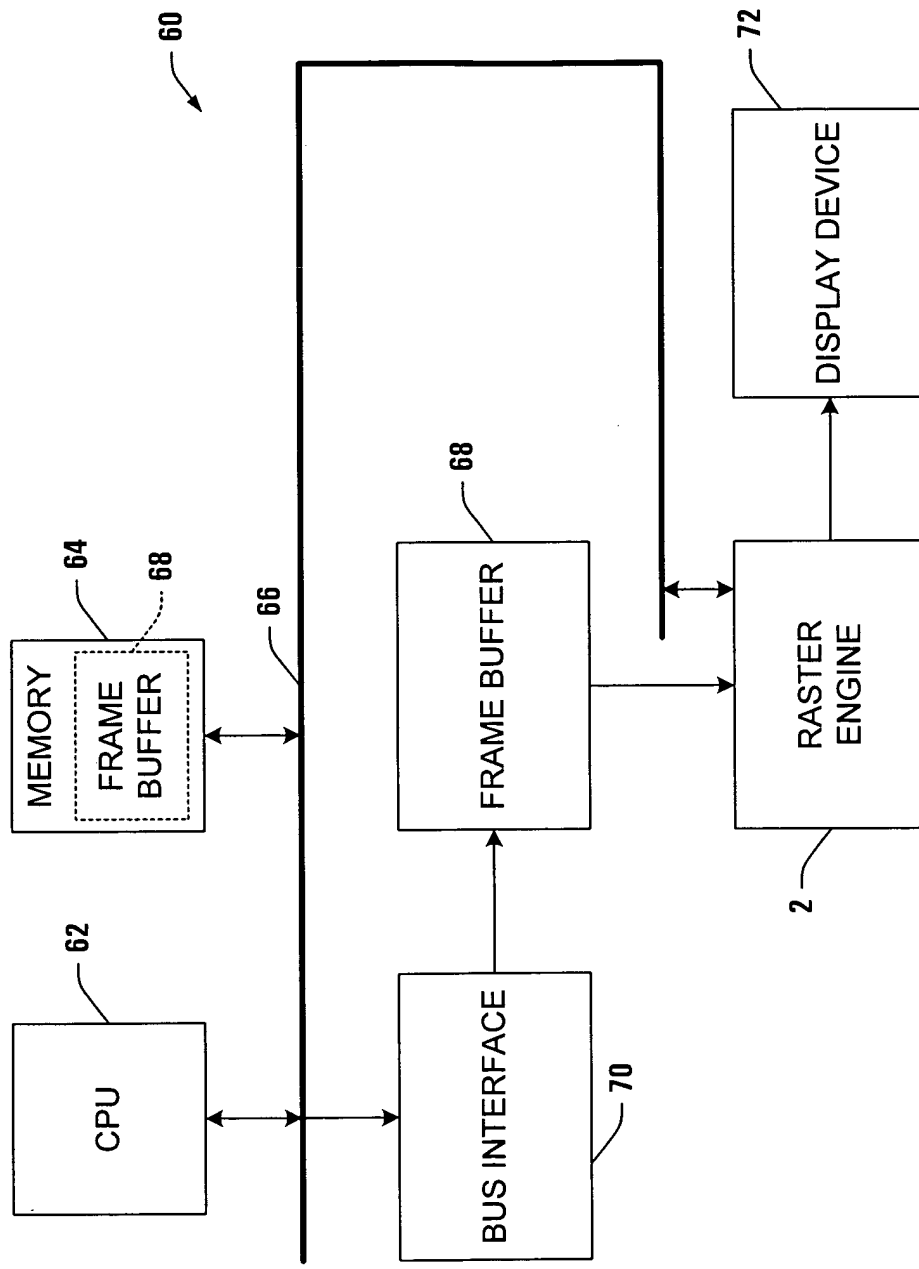


FIG. 1



**FIG. 2A**

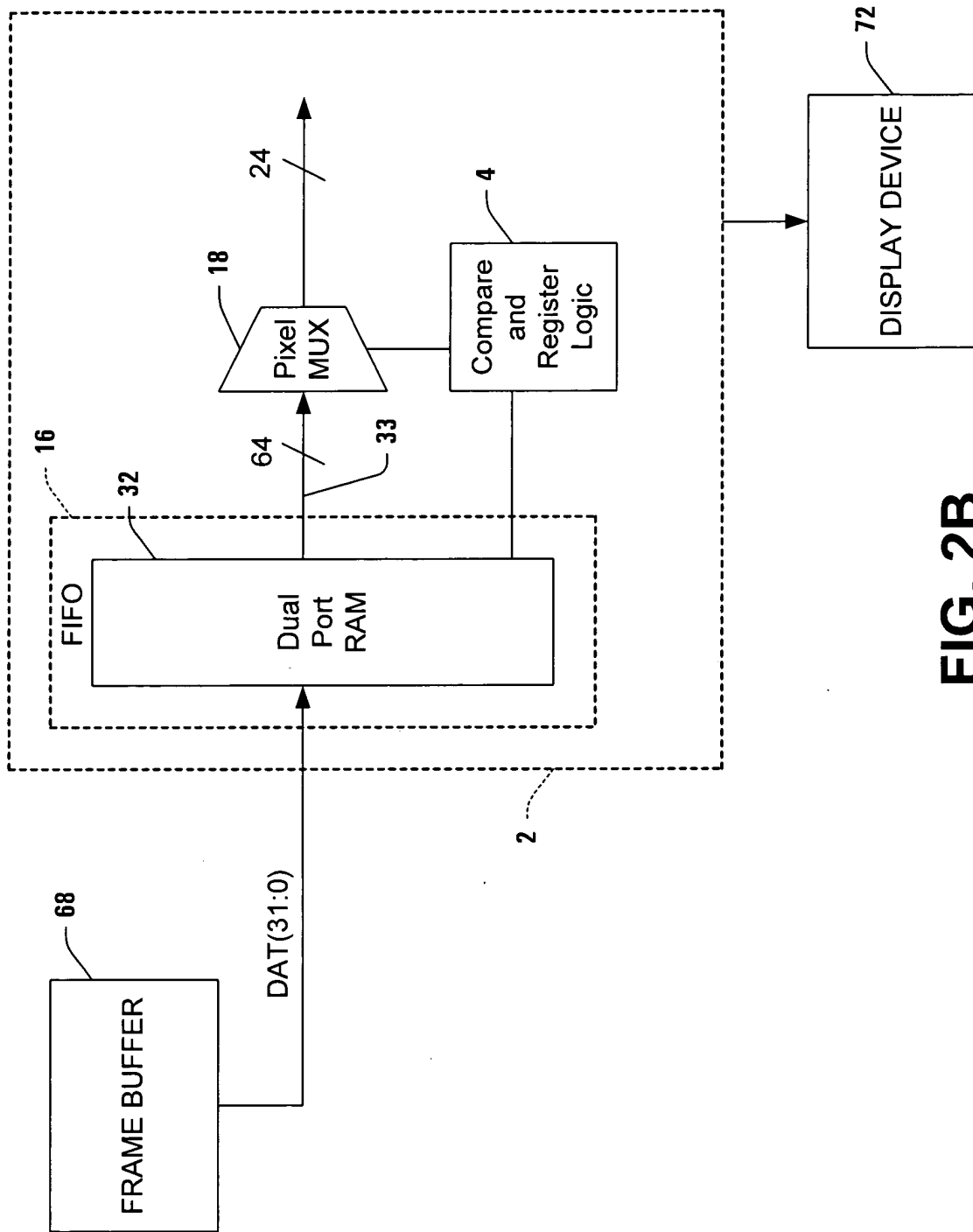


FIG. 2B

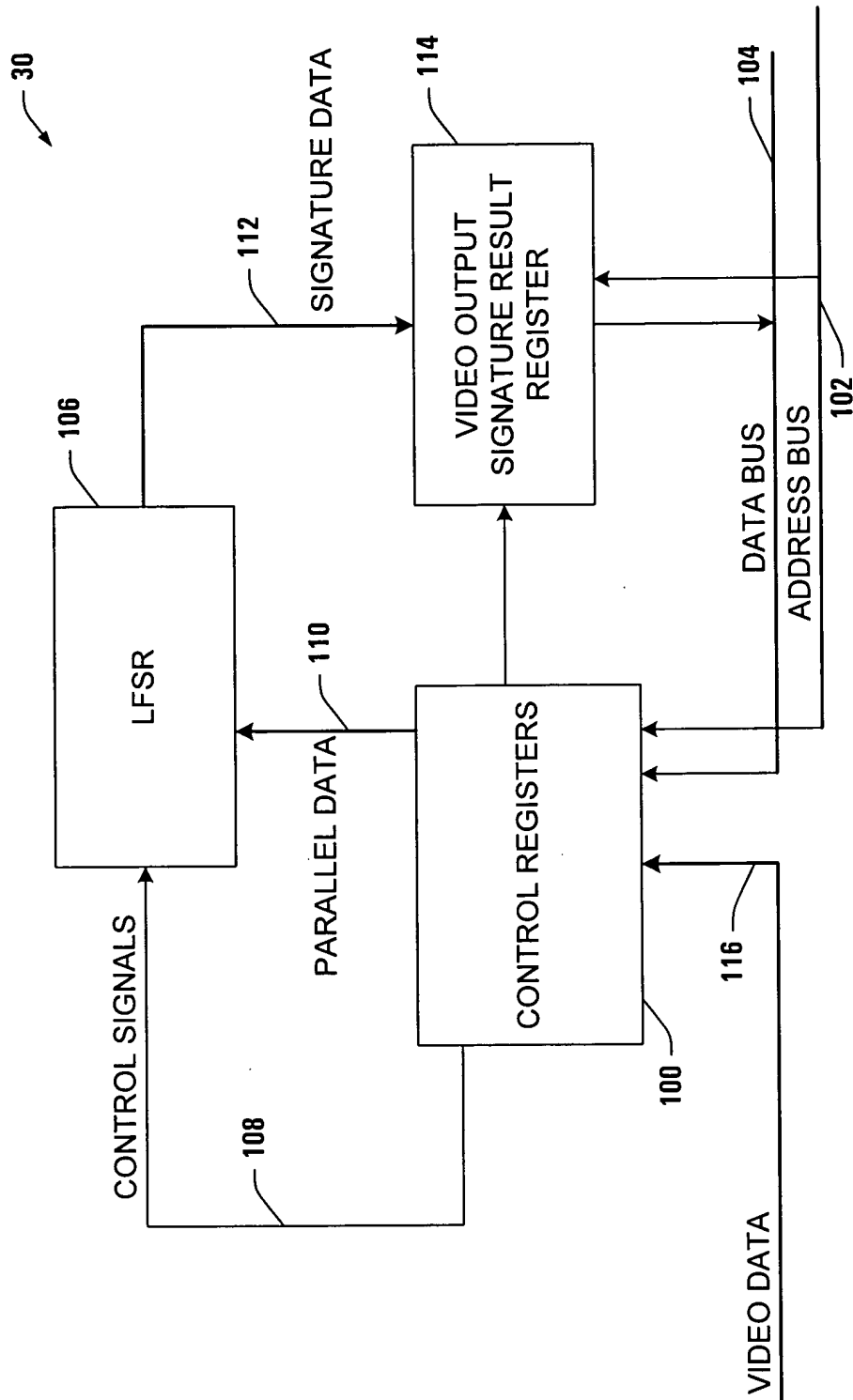


FIG. 3

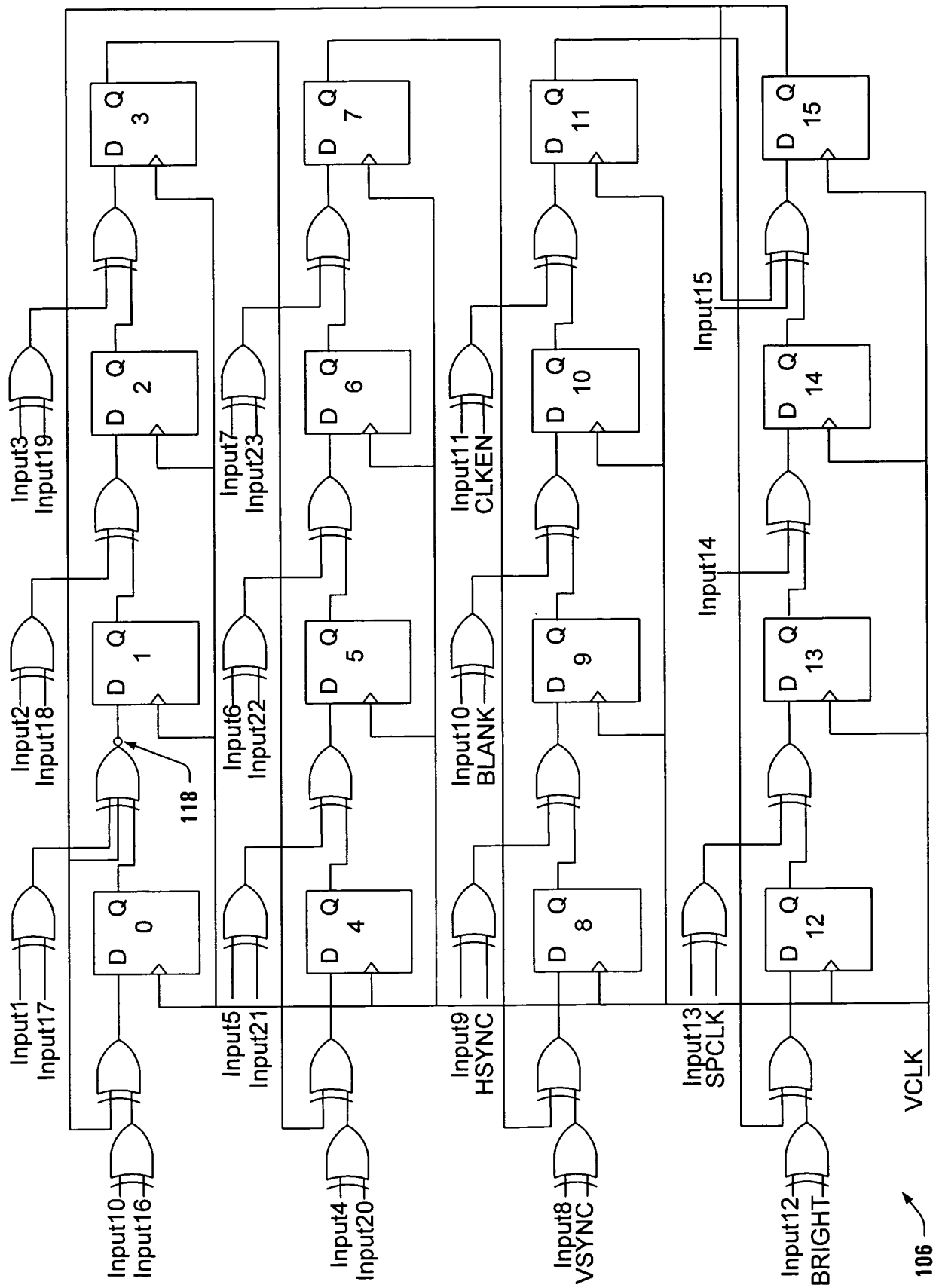


FIG. 4

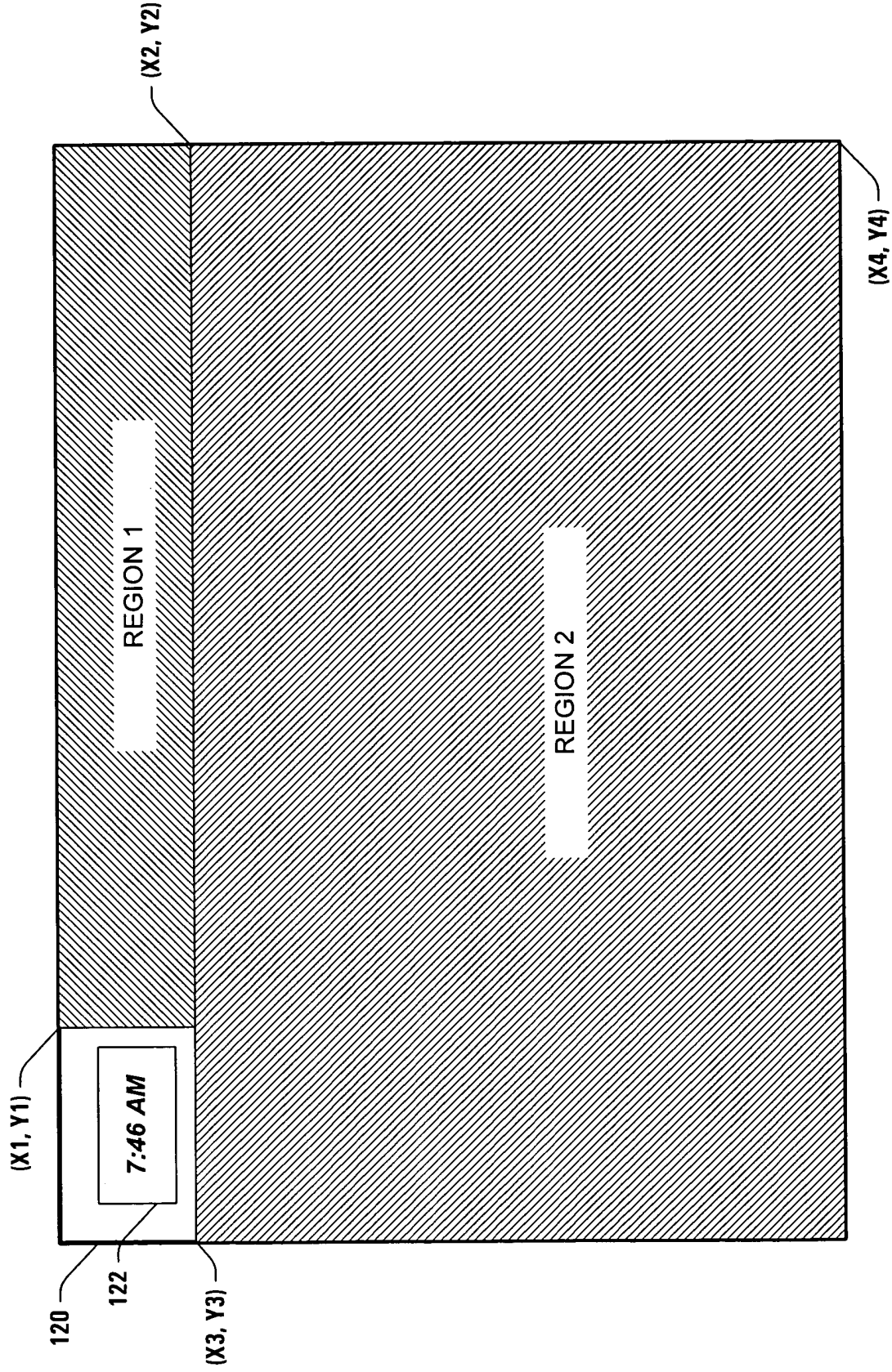


FIG. 5

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL	SIG VAL

SIGVAL

130

FIG. 6A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
EN	RSVD	SPCLK	BRIGHT	CLKEN	BLANK	HSYNC	VSYSN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN	PEN

SIGCTL

132

FIG. 6B

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	STOP <sub>10</sub>	STOP <sub>9</sub>	STOP <sub>8</sub>	STOP <sub>7</sub>	STOP <sub>6</sub>	STOP <sub>5</sub>	STOP <sub>4</sub>	STOP <sub>3</sub>	STOP <sub>2</sub>	STOP <sub>1</sub>	STOP <sub>0</sub>

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	START <sub>10</sub>	START <sub>9</sub>	START <sub>8</sub>	START <sub>7</sub>	START <sub>6</sub>	START <sub>5</sub>	START <sub>4</sub>	START <sub>3</sub>	START <sub>2</sub>	START <sub>1</sub>	START <sub>0</sub>

VSIGSTRTSTOP

134

FIG. 6C



008260" 6E92Z950

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	STOP <sub>10</sub>	STOP <sub>9</sub>	STOP <sub>8</sub>	STOP <sub>7</sub>	STOP <sub>6</sub>	STOP <sub>5</sub>	STOP <sub>4</sub>	STOP <sub>3</sub>	STOP <sub>2</sub>	STOP <sub>1</sub>	STOP <sub>0</sub>

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	START <sub>10</sub>	START <sub>9</sub>	START <sub>8</sub>	START <sub>7</sub>	START <sub>6</sub>	START <sub>5</sub>	START <sub>4</sub>	START <sub>3</sub>	START <sub>2</sub>	START <sub>1</sub>	START <sub>0</sub>

HSIGSTRTSTOP

136

FIG. 6D

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	VCLR <sub>10</sub>	VCLR <sub>9</sub>	VCLR <sub>8</sub>	VCLR <sub>7</sub>	VCLR <sub>6</sub>	VCLR <sub>5</sub>	VCLR <sub>4</sub>	VCLR <sub>3</sub>	VCLR <sub>2</sub>	VCLR <sub>1</sub>	VCLR <sub>0</sub>

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	HCLR <sub>10</sub>	HCLR <sub>9</sub>	HCLR <sub>8</sub>	HCLR <sub>7</sub>	HCLR <sub>6</sub>	HCLR <sub>5</sub>	HCLR <sub>4</sub>	HCLR <sub>3</sub>	HCLR <sub>2</sub>	HCLR <sub>1</sub>	HCLR <sub>0</sub>

SIGCLR

138

FIG. 6E



160

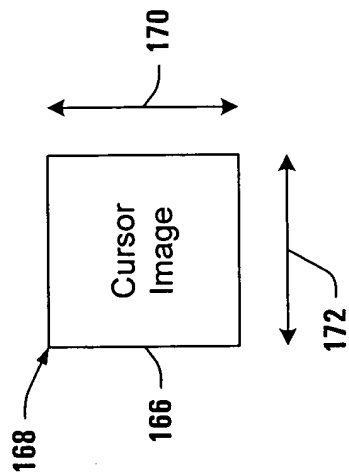
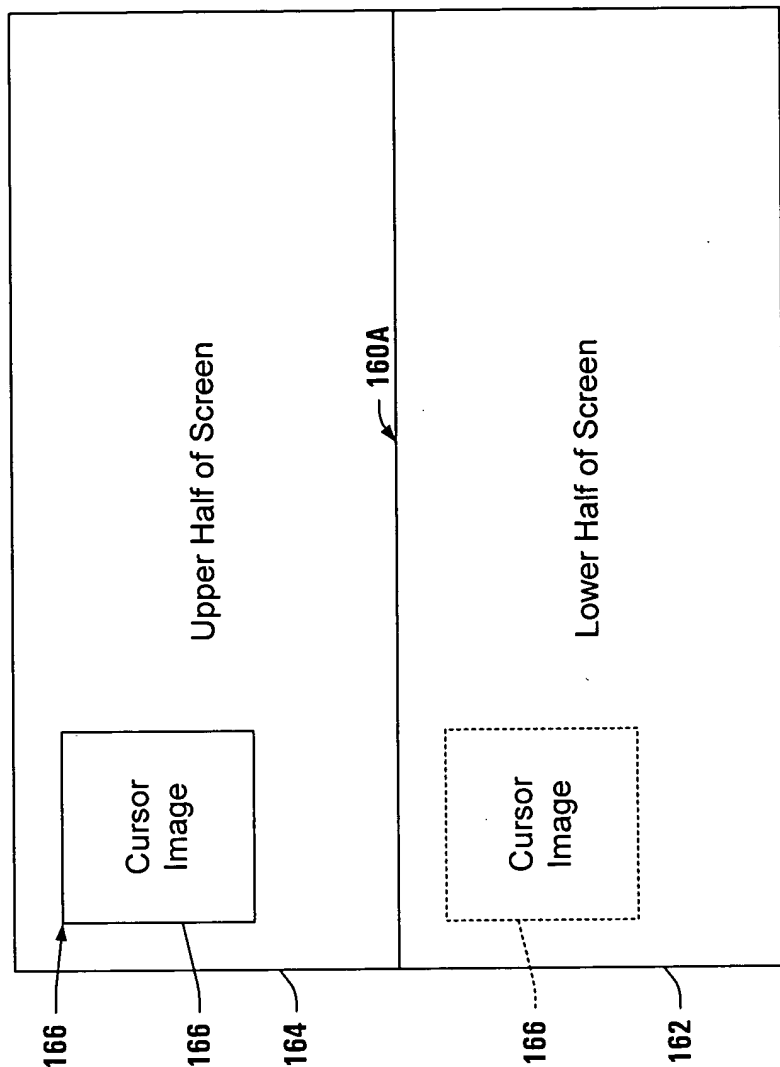


FIG. 8A

FIG. 8B

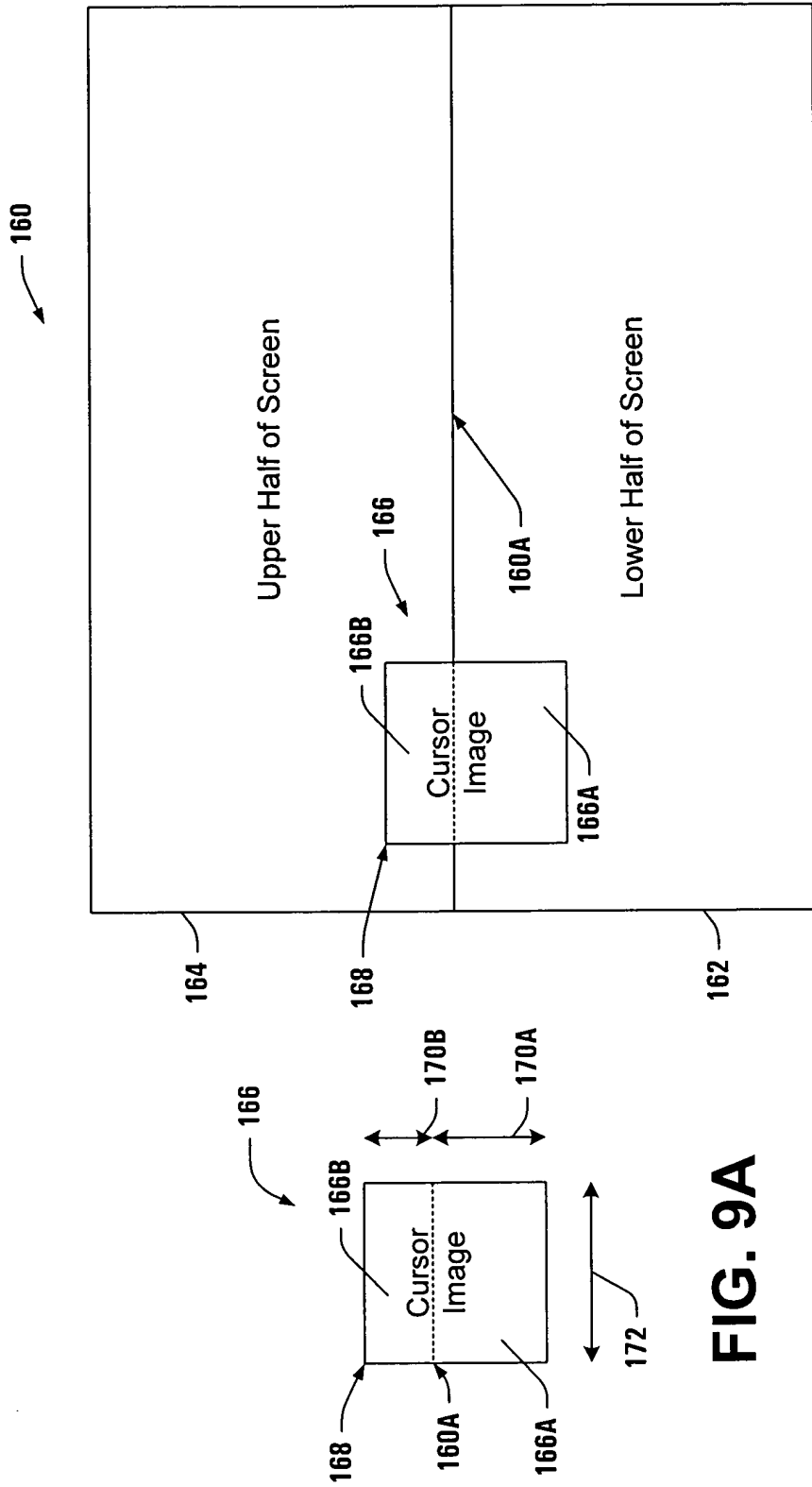


FIG. 9A

FIG. 9B

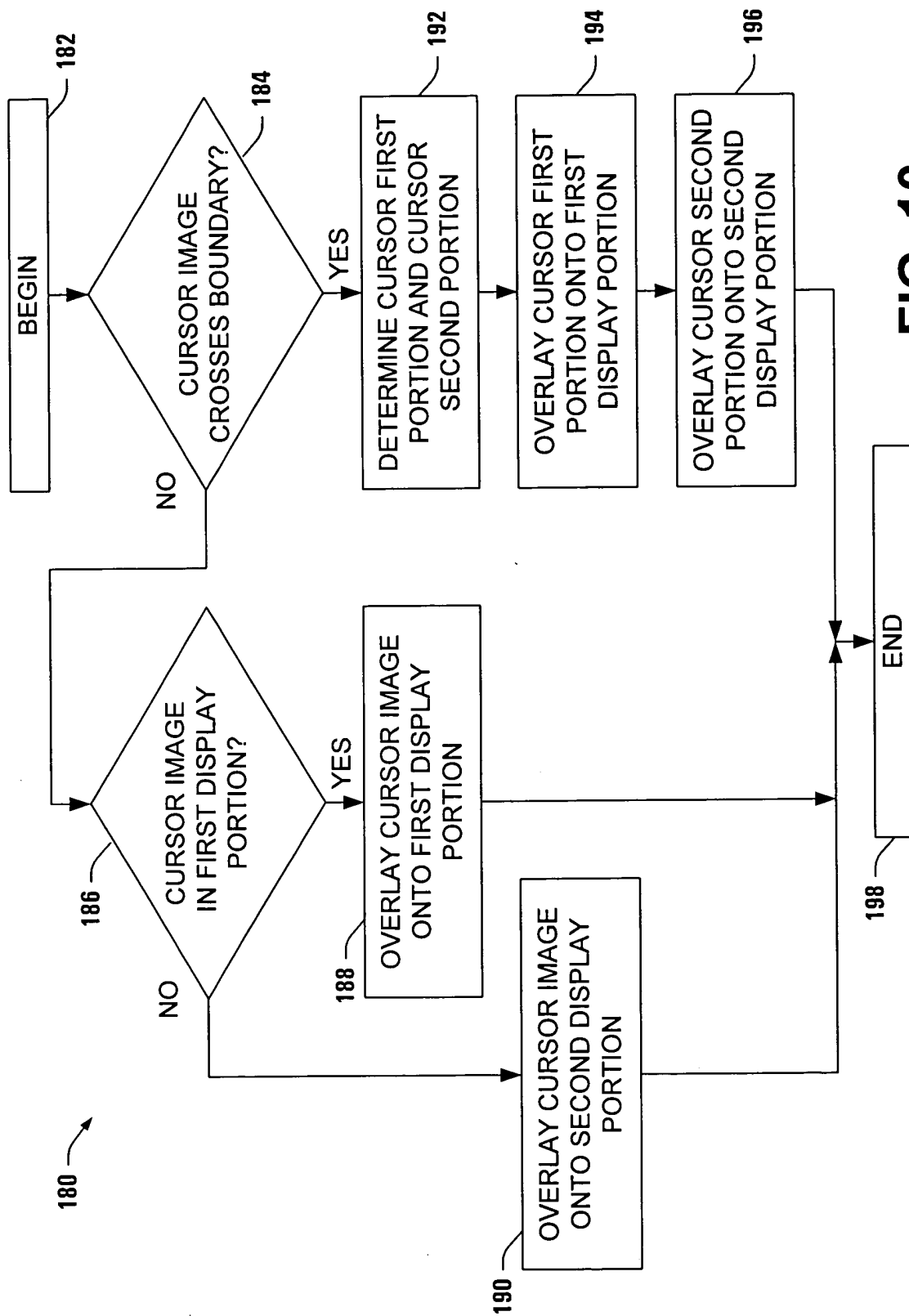


FIG. 10

003260" 6E922960

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	NA	NA

CURSOR\_ADR\_START

200

FIG. 11A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	ADR	NA	NA

CURSOR\_ADR\_RESET

202

FIG. 11B

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
DLNS5	DLNS4	DLNS3	DLNS2	DLNS1	DLNS0	CSTEP <sub>1</sub>	CSTEP <sub>0</sub>	CLINS5	CLINS4	CLINS3	CLINS2	CLINS1	CLINS0	CWID1	CWID0

CURSORSIZE

FIG. 11C

204

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>	COLO <sub>R</sub>

CURSORSIZE

FIG. 11D

206

CURSORSIZE







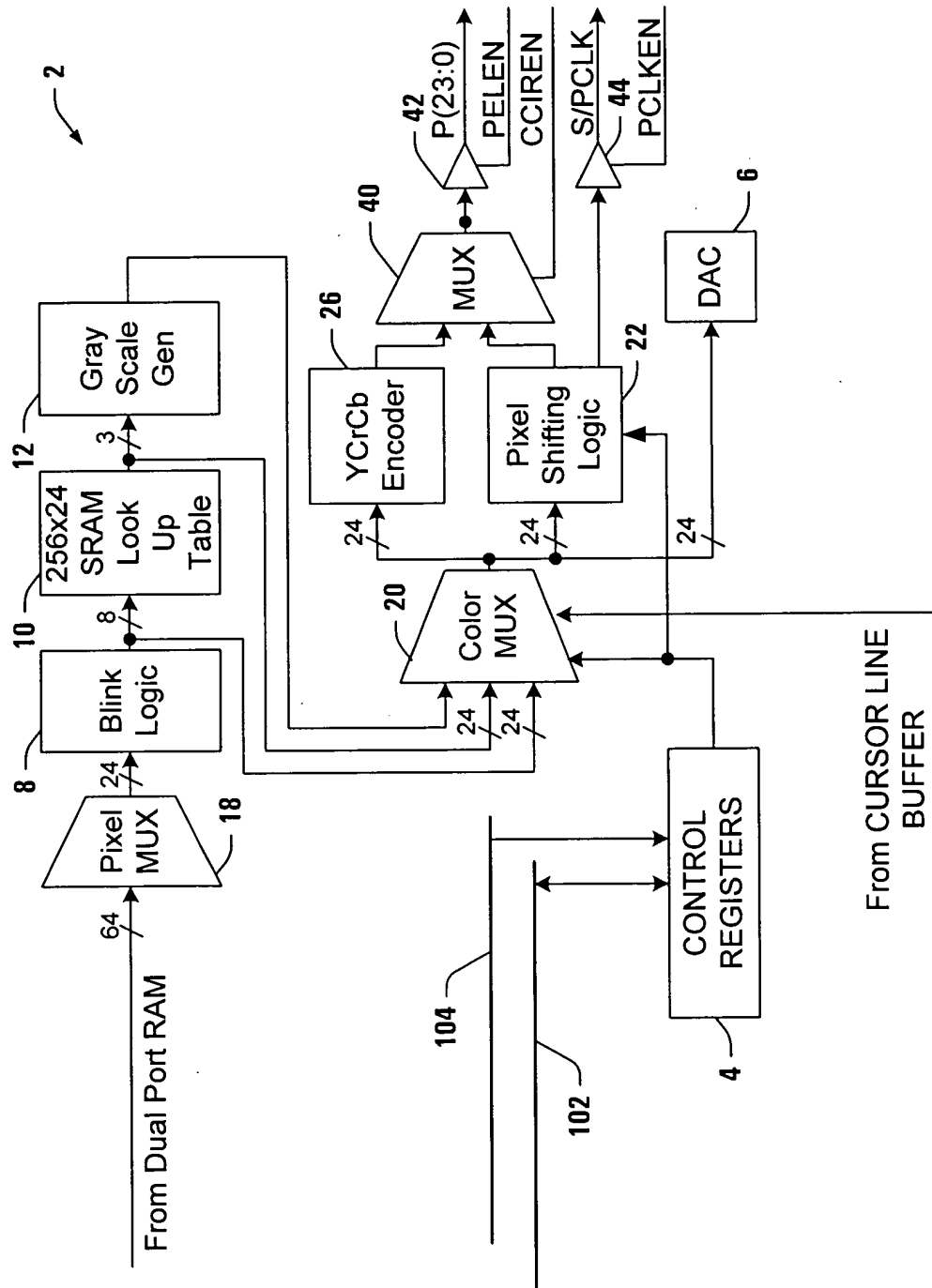


FIG. 12

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	DSCA	C3	C2	C1	C0	M3	M2	M1	M0	S2	S1	S0	P2	P1	P0

PIXELMODE

230

FIG. 13A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RD	DAT	DAT	DAT	DAT	DAT	DAT	DAT	DAT

PARLLIFOUT

232

FIG. 13B

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	ESTR <sub>T3</sub>	ESTR <sub>T2</sub>	ESTR <sub>T1</sub>	ESTR <sub>T0</sub>	CNT3	CNT2	CNT1	CNT0

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	DAT	DAT	DAT	DAT	DAT	DAT	DAT	DAT

PARLLIFIN

234

FIG. 13C

shift mode	color mode	output mode	P(23)	P(22)	P(21)	P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(14)	P(13)	P(12)	P(11)	P(10)	P(9)	P(8)	P(7)	P(6)	P(5)	P(4)	P(3)	P(2)	P(1)	P(0)
0x0	0x0 0x4	single pixel per clock up to 24 bits wide	P(23)	P(22)	P(21)	P(20)	P(19)	P(18)	P(17)	P(16)	P(15)	P(14)	P(13)	P(12)	P(11)	P(10)	P(9)	P(8)	P(7)	P(6)	P(5) B(5)	P(4) B(4)	P(3)	P(2)	P(1)	P(0)
	0x8		R(7)	R(6)	R(5)	R(4)	R(3)	R(2)	R(1)	R(0)	G(7)	G(6)	G(5)	G(4)	G(3)	G(2)	G(1)	G(0)	B(7)	B(6)			B(3)	B(2)	B(1)	B(0)
0x0	0x5	single 16-bit 565 pixel per clock	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	G(5)	G(4)	G(3)	G(2)	G(1)	G(0)	G(5)	G(4)	B(4)	B(3)	B(2)	B(1)	B(0)	B(4)	B(3)	B(2)
	0x6		R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	R(3)	R(2)	G(4)	G(3)	G(2)	G(1)	G(0)	G(4)	G(3)	G(2)	B(4)	B(3)	B(2)	B(1)	B(0)	B(4)	B(3)	P(2)
0x1	0x0 0x4	single 24 bit pixel on 18 lines	X	X	X	X	X	X	R(7)	R(6)	R(5)	R(4)	R(3)	R(2)	G(7)	G(6)	G(5)	G(4)	G(3)	G(2)	B(7)	B(6)	B(5)	B(4)	B(3)	B(2)
	0x8		X	X	X	X	X	X	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	G(5)	G(4)	G(3)	G(2)	G(1)	G(0)	B(4)	B(3)	B(2)	B(1)	B(0)	B(4)
0x1	0x5	single 16-bit 565 pixel on 18 lines	X	X	X	X	X	X	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	G(5)	G(4)	G(3)	G(2)	G(1)	G(0)	B(4)	B(3)	B(2)	B(1)	B(0)	B(4)
	0x6		X	X	X	X	X	X	R(4)	R(3)	R(2)	R(1)	R(0)	R(4)	G(4)	G(3)	G(2)	G(1)	G(0)	B(4)	B(3)	B(2)	B(1)	B(0)	B(0)	B(4)
0x2	0x0	progressive scan 2 pixels per shift clock dual scan	P(120)	P(112)	P(104)	P(96)	P(88)	P(80)	P(72)	P(64)	P(56)	P(48)	P(40)	P(32)	P(24)	P(16)	P(8)	P(0)	P(223)	P(215)	P(207)	P(199)	P(191)	P(183)	P(175)	P(167)
	0x8		R(14) *	G(14) *	B(14) *	R(4) *	G(4) *	B(4) *	R(17)	G(17)	B(17)	G(15)	B(15)	P(13)	P(11)	P(9)	P(7)	P(5)	P(3)	P(1)	P(22)	P(21)	P(19)	P(17)	P(15)	P(13)
0x3	0x0	progressive scan 4 pixels per shift clock dual scan	P(314)	P(306)	P(298)	P(290)	P(282)	P(274)	P(266)	P(258)	P(250)	P(242)	P(234)	P(226)	P(218)	P(210)	P(202)	P(194)	P(186)	P(178)	P(170)	P(162)	P(154)	P(146)	P(138)	P(130)
	0x8		G(36) *	B(36) *	B(26) *	P(26)	G(14) *	B(14) *	G(6)	B(6) *	R(37)	R(35)	G(37)	B(37)	P(23)	P(21)	P(19)	P(17)	P(15)	P(13)	P(11)	P(9)	P(7)	P(5)	P(3)	P(1)

FIG. 14A

0x4	0x0	progressive scan 8 pixels per shift clock dual scan	P7(23) R7 *	P6(23) R6 *	P5(23) R5 *	P4(23) R4 *	P3(23) R3 *	P2(23) R2 *	P1(23) R1 *	P0(23) R0 *	P7(15) G7 *	P6(15) G6 *	P5(15) G5 *	P4(15) G4 *	P3(15) G3 *	P2(15) G2 *	P1(15) G1 *	P0(15) G0 *	P0(7) B0
	0x8		Lower P3(23) R3 *	Upper P3(23) R3 *	Lower P2(23) R2 *	Upper P2(23) R2 *	Lower P1(23) R1 *	Upper P1(23) R1 *	Lower P0(23) R0 *	Upper P0(23) R0 *	Lower P3(15) G3 *	Upper P3(15) G3 *	Lower P2(15) G2 *	Upper P2(15) G2 *	Lower P1(15) G1 *	Upper P1(15) G1 *	Lower P0(15) G0 *	Upper P0(15) G0 *	
0x5	0x0	2 2/3 pixels per clock	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	B0
	0x8		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
0x6	0x0	Dual 2 2/3 pixels per clock	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	UB0
	0x8		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
**	**	CTREN subs	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	D(0)
**	**	LCDEN subs	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	D(1)
**	**	ACEN subs	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	**	D(2)

\* These bits are an ORed combination of the bit value shown and the next significant bit below (This rounds the color value to nearest color).  
 \*\* These bits do not get a substitute and are defined to the values controlled by the pixel output mode in the upper part of the table.  
 \*\*\* These bits are pinned out in certain variants only.  
 \*\*\*\* Set PIXELMODE.P13951 high to use these pins as outputs.

FIG. 14B

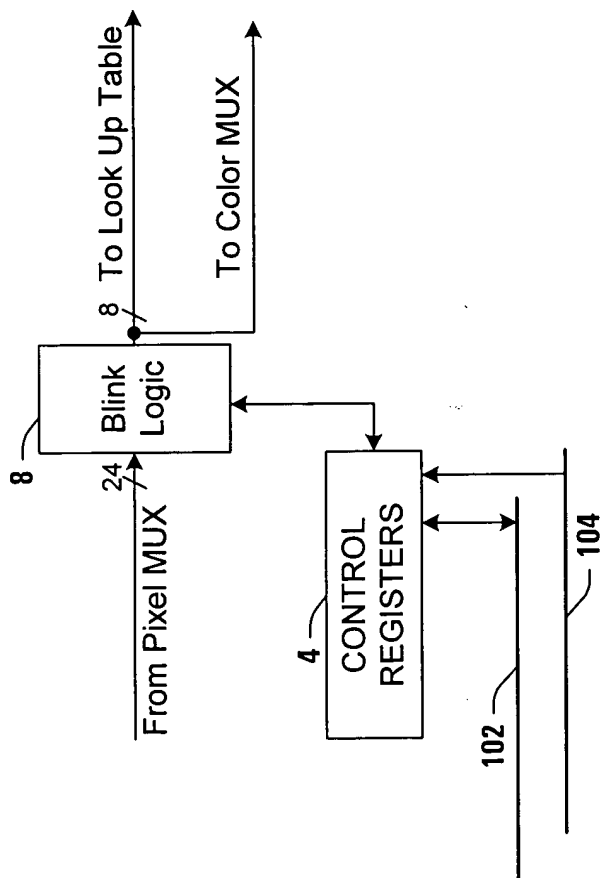


FIG. 15

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

BLINKRATE

250

FIG. 16A

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD

BLINKMASK

252

FIG. 16B



31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR	PATR

BLINKPATR

254

FIG. 16C

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK	P MASK

PATTERNMASK

256

FIG. 16D

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF	BGOFF

BG\_OFFSET

258

FIG. 16E

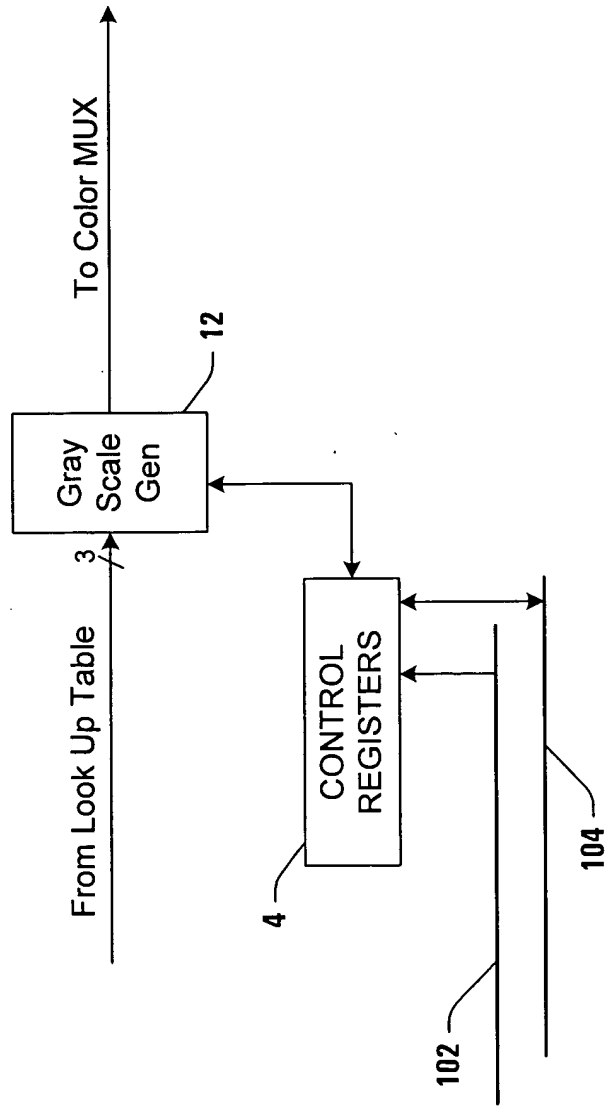
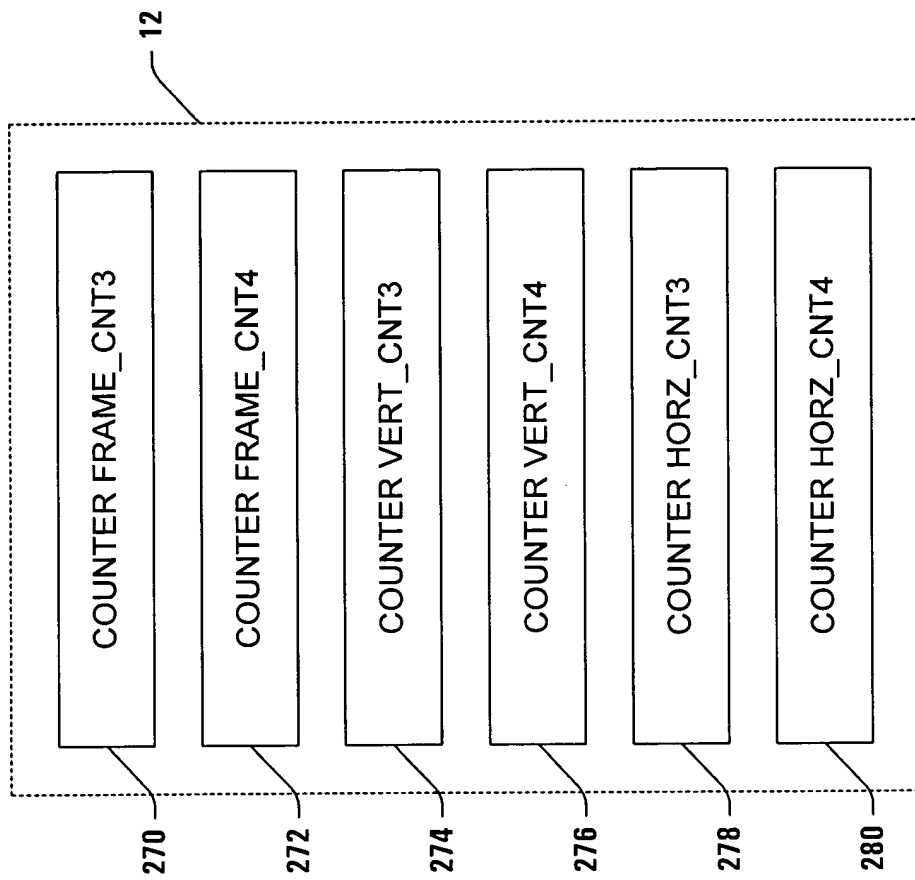


FIG. 17



**FIG. 18**

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	RSVD	FRAME	VERT	HORZ

15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
D15	D14	D13	D12	D11	D10	D9	D8	D7	D6	D5	D4	D3	D2	D1	D0

GRAYSCALE LUT

FIG. 19

282



FRAME	Vert	Horz	VCNT (lines)	11	11	11	11	10	10	10	10	10	10	01	01	01	01	00	00	00	00	GSLUT Address *4
Cir	Cir	Cir	HCNT (pixels)	11	10	01	00	11	10	01	00	11	00	11	00	11	00	10	01	00	00	Pixel
D18	D17	D16	register address	b15	b14	b13	b12	b11	b10	b9	b8	b7	b6	b5	b4	b3	b2	b1	b0	b0	b0	Value
X	X	X	base + 0x80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
			base + 0xA0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
			base + 0xC0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
			base + 0xE0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	000
X	X	X	base + 0x9C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	00	111
			base + 0xBC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	01	111
			base + 0xDC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	111
			base + 0xFC	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	11	111

302 ↗

FIG. 21

304 →

	H	O	R	Z
FRAME 0	1	1	1	1
V	1	1	1	1
E	1	1	1	1
R	1	1	1	1
T	1	1	1	1

FRAME 1	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

FRAME 2	1	1	1	1
	1	1	1	1
	1	1	1	1
	1	1	1	1

FRAME 3	0	0	0	0
	0	0	0	0
	0	0	0	0
	0	0	0	0

FIG. 22



306 →

H O R Z

1	0	1	0
1	0	1	0
1	0	1	0
1	0	1	0

FRAME 0

V

E

R

T

FRAME 1

0	1	0	1
0	1	0	1
0	1	0	1
0	1	0	1

FRAME 2

1	0	1	0
1	0	1	0
1	0	1	0
1	0	1	0

FRAME 3

0	1	0	1
0	1	0	1
0	1	0	1
0	1	0	1

FIG. 23





312 →

	H	O	R	Z
FRAME 0	1	0	0	
V				
E	0	1	0	
R	0	0	1	
T				

FRAME 1	0	1	0
	0	0	1
	1	0	0

FRAME 2	0	0	1
	1	0	0
	0	1	0

FIG. 26





000000" 66924960

318 →

H O R Z

FRAME 0

V

E

R

T

1	0	0	0
0	0	1	1
0	1	0	0

FRAME 1

0	1	0	0
0	1	0	0
0	0	1	1

FRAME 2

0	0	1	1
1	0	0	1
1	0	0	0

FIG. 29





Display Type	Horizontal Resolution x Vertical Resolution	Video Clock frequency (MHz)	Frame Buffer Storage format	Display Data format	pixels per shift clock	Pixel Shift Clock frequency (MHz)	Vertical Frame Rate (Hz)
VFD	128 x 32	2	4 bpp	monochrome	8	0.25	400
LCD	128 x 64	2	4 bpp	monochrome	4	0.5	230
LCD	256 x 128	2	4 bpp	monochrome	4	0.5	60
"QVGA" TFT LCD	320 x 234	6.4	8 bpp	analog	1	6.4	80
QVGA STN LCD	320 x 240	4	4 bit RGB	4 bit RGB	1	4	50
HVGA STN LCD	640 x 240	8	4 bit RGB	4 bit RGB	1	8	50
"VGA" DC Plasma	640 x 400	16	4 bpp	monochrome	4	4	60
VGA EL	640 x 480	24	4 or 8 bpp	grayscale	8	3	75
VGA STN LCD	640 x 480	24	8 or 16 bpp	18 bit RGB	1	24	75
VGATFT LCD	640 x 480	24	8, 16, or 24 bpp	18 bit RGB	1	24	75
VGA CRT	640 x 480	25.175	8, 16, or 24 bpp	analog	1	NA	70
VGA CRT	640 x 480	32	8, 16, or 24 bpp	analog	1	NA	85
SVGA TFT LCD	800 x 600	40	8, 16, or 24 bpp	18 bit RGB	1	40	80
SVGA CRT	800 x 600	50	8, 16, or 24 bpp	analog	1	NA	85
XGA TFT LCD	1024 x 768	60	8, 16, or 24 bpp	18 bit RGB	2	30	72
XGA CRT	1024 x 768	75	8, 16, or 24 bpp	analog	1	NA	80
SXGA TFT LCD	1280 x 1024	85	8, 16, or 24 bpp	18 or 24 bit RGB	1	85	60
SXGA CRT	1280 x 1024	110	8, 16, or 24 bpp	analog	1	NA	70
SXGAW TFT LCD	1400 x 1024	90	8, 16, or 24 bpp	18 or 24 bit RGB	1	90	60
SXGA+ TFT LCD	1400 x 1050	110	8, 16, or 24 bpp	18 or 24 bit RGB	1	110	70
UXGA TFT LCD	1600 x 1200	135	8, 16, or 24 bpp	18 or 24 bit RGB	1	135	65
UXGA CRT	1600 x 1200	135	8, 16, or 24 bpp	analog	1	NA	60
UXGAW TFT LCD	1900 x 1200	135	8, 16, or 24 bpp	18 or 24 bit RGB	1	135	60
HDTV-2 LCD	1280 x 720	50	8, 16, or 24 bpp	24 bit RGB	1	50	50
HDTV-2 CRT	1280 x 720	66	8, 16, or 24 bpp	analog	1	NA	60
HDTV-4 LCD	1920 x 1080	135	8, 16, or 24 bpp	24 bit RGB	1	135	60
HDTV-4 CRT	1920 x 1080	135	8, 16, or 24 bpp	analog	1	NA	55
QXGA LCD	2048 x 1536	135	4 bpp	monochrome	8	16.875	40
QXGA LCD	2560 x 2048	135	4 bpp	monochrome	8	16.875	24
QUXGA LCD	3200 x 2400	135	4 bpp	monochrome	8	16.875	17

FIG. 31

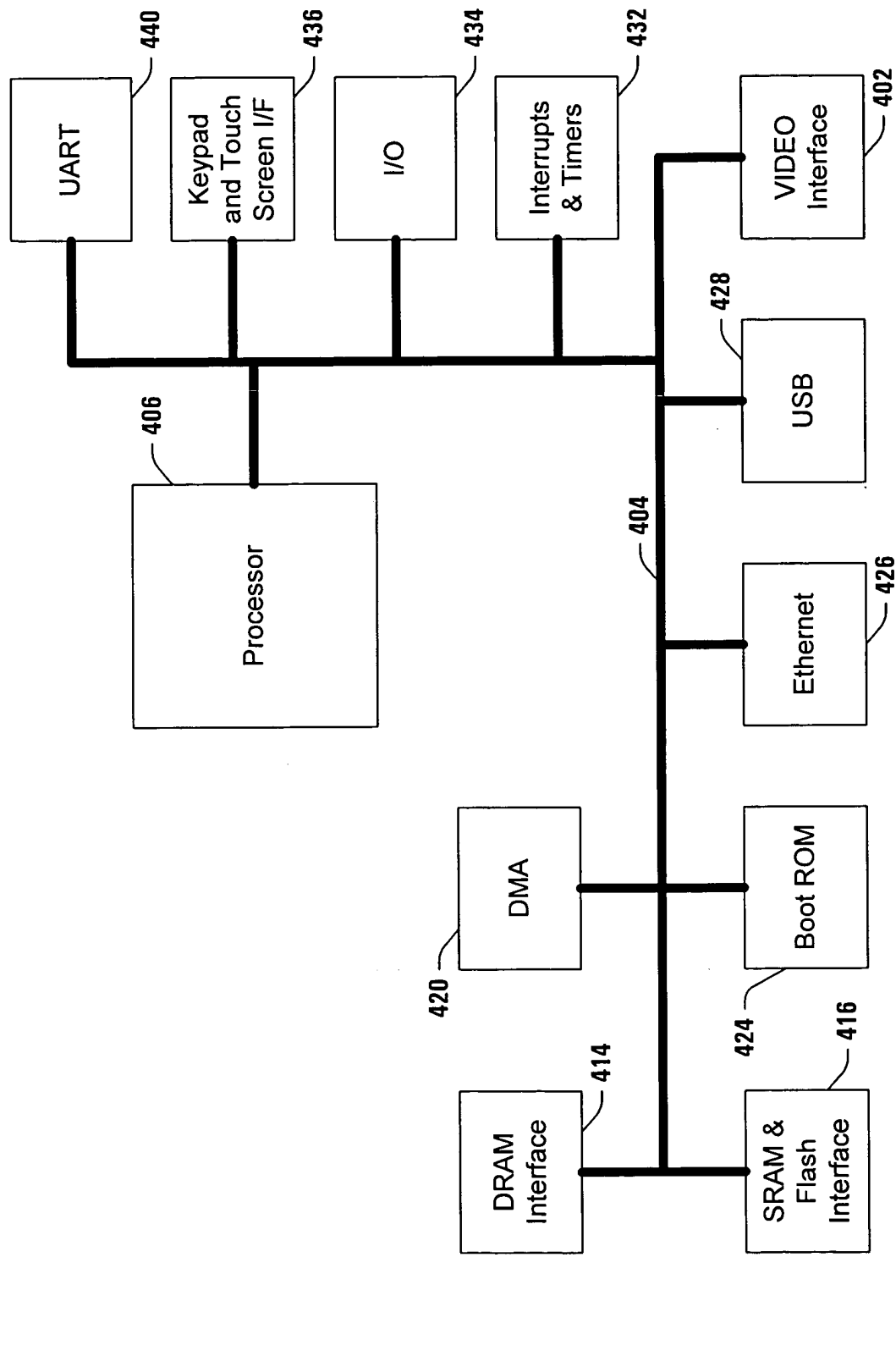


FIG. 32